

REMARKS

Introduction

Claims 1, 3, 6-12, 14-18 have been amended. Claims 4 and 5 have been canceled. New claims 19-24 have been added. The application now includes claims 1-3 and 6-24. Reconsideration of the rejection of the application is respectfully requested in view of the claim amendments and following remarks.

The Specification and Claims has been Amended in Response to Objections

The specification, including the title and abstract, and claims 6, 8 and 18, are objected to. In response, the specification and claims 6, 8 and 18 have been amended. Applicant respectfully requests the objections be withdrawn.

The Claims are now Definite

Claims 1-18 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. In response, the claims have been amended. Applicant respectfully requests the rejections be withdrawn

The Claims are Directed to Statutory Subject Matter

Claims 1-18 are rejected under 35 U.S.C. § 101 because the claimed invention is directed to non-statutory subject matter. In response, claim 1 has been amended per the Examiner's suggestion.

The Claims are Allowable over the Prior Art Because the Prior Art Fails to Disclose a System for Developing a Reusable Component from an Analysis of a Business Domain

Claims 1-5 are rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,237,135 ("Timbol"). Claims 6-15 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Timbol in view of U.S. Patent No. 6,167,564 ("Fontana"). Claim 16 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Timbol in view of Fontana and further in view of Matena et al., "Sun Microsystems Enterprise JavaBeans™," March 1998 ("Matena"). Claims 17 and 18 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Timbol in view of "Modeling with eBSCs," 1999 ("eBSCs"). Reconsideration of these rejections is respectfully requested because the prior art fails to disclose a system for developing a reusable component from an analysis of a business domain.

One embodiment is a system for developing a reusable component (e.g., a Enterprise Java Bean component) by utilizing a phased approach to quickly develop and introduce products into the market, thereby reducing the time to market. The system enables the user/developer to research business problems or domain (i.e., business project) and transforms them into the reusable component. The system analyzes a business domain to generate functional requirements that models the business domain. The functional requirements define a scope of the business functionality for a new set of components, and may include a summary of a list of inputs and a eFunction Matrix. The system transforms the functional requirements into an object oriented model (e.g., an Enterprise Java Bean model), preferably using a UML drawing tool. The object

oriented model encapsulates a data model and a process model. To simplify the complexity of the UML diagrams, embodiments describe relationships between objects through class stereotypes rather than inheritance. Embodiments further include building the reusable component from the object oriented model that encompasses the business functionality of the business domain.

Timbol discloses a development environment for developing Java Beans-compatible components rapidly and easily, including taking an existing Java class and turning it into a Java bean. *Timbol* at col. 10, ll. 12-21. However, *Timbol* fails to disclose the specific functionality recited in the present claims. Instead, the Examiner has cited disclosure in *Timbol* of generic Java Bean creation functionality, and attempts to argue that it anticipates the specific functionality of the present claims. For example, the disclosure in *Timbol* that "the user employs the Java Bean Wizard 300 to specify the name of the bean it will be in, and the class it extends from" completely fails to anticipate the "analyzing a business domain . . ." limitation of claim 1. Similarly, absolutely nothing in *Timbol* discloses converting a reusable component such as Enterprise Java Bean component into an object oriented model such as an Enterprise Java Bean model. *Timbol* merely discloses the creation of a Java Bean **component**, not a **model**. The other cited prior art also fails to disclose the claimed elements of analyzing a business domain, transforming the analysis into a model, and building a component from the model that encompasses the business functionality of the business domain.

Based at least on the foregoing, independent claim 1, and new independent claim 19 which recites similar limitations, should be allowable over the cited prior art. The remaining claims depend from either claim 1 or 19, and should also be allowable for at least the above reasons.

Conclusion

Applicant respectfully requests favorable action in connection with this application.

The Examiner is invited and urged to contact the undersigned to discuss any matter concerning this application.

No fees are believed to be due for this submission. Should any additional fees be required, the Commissioner is authorized to charge any such fee to Womble Carlyle's Deposit Account No. 09-0528.

Respectfully Submitted,

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